Special Issue

Models in Parasite and Pathogen Evolution

Message from the Guest Editor

Thanks to the impressive progress in genomics, proteomics, megadata computing and mathematical modeling, our knowledge on the epidemiology, transmission and pathogenicity of infectious diseases has considerably improved in the last 20 years. This is true not only for pathogens (viruses, bacteria, parasitic protozoa, yeast and fungi, helminths and prions), but also for hosts (humans, animals, plants) and vectors, when vector-borne diseases are concerned. For this Special Issue, we invite you to send original or review papers or technical notes on aspects of modeling of the epidemiology of transmissible diseases, covering all the aspects summarized above, dealing with diseases of medical, veterinary or agronomical relevance.

Guest Editor

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Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics. *Pathogens* is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

Editor-in-Chief

Prof. Dr. Hinh Ly
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